

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of transmitting information asynchronously between a supplier and a consumer in accordance with ACID properties, said supplier and said consumer being connected by a chain of communication channels, the method comprising transmitting said information by means of a series of sequential independent transactions set up between said supplier and a first communication channel of said chain, between each of the communication channels of said chain, and between ~~[[the]]~~ a last communication channel of said chain and said consumer, wherein each of the transactions between the communication channels of said chain and between the last communication channel of said chain and said consumer is set up if a previous transaction has succeeded.

2. (Currently Amended) A method according to claim 1, wherein each communication channel has a set of clients which are other communication channels or consumers, and when a one of said communication channels of said chain is a target of one of said independent transactions, the method further comprises:

storing said information in a reliable memory,

finalizing ~~said~~ an independent transaction, and

if said independent transaction has succeeded, initiating independent transactions with said clients containing said information.

3. (Previously Presented) A method according to claim 1, wherein to initiate said independent transactions, said information is stored in a plurality of queues each of which is associated with one of said clients and consumed by a thread.

4. (Currently Amended) A communication channel enabling asynchronous transmission of information between a supplier and a consumer in accordance with ACID properties, said channel having a set of clients which can be other communication channels or consumers, said channel comprising:

means for storing information contained in a transaction for which said channel is a target,

means for finalizing said transaction, and

means for initiating transactions containing said information with said clients if said transaction has succeeded.

5. (Previously Presented) A communication channel according to claim 4, further comprising a plurality of queues each of which is associated with one of said clients.

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6. (Currently Amended) A transactional asynchronous communication architecture comprising a plurality of communication channels enabling asynchronous transmission of information between a supplier and a consumer in accordance with ACID properties, each of said channels having a set of clients which can be other communication channels or consumers, wherein each of the communication channels comprises:

means for storing [[the]] information contained in a transaction for which said channel is the target,

means for finalizing said transaction, and

means for initiating transactions containing said information with said clients if said transaction has succeeded.